



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/760,210	01/21/2004	Kia Silverbrook	RRA02US	1354
24011	7590	05/23/2006	EXAMINER	
SILVERBROOK RESEARCH PTY LTD 393 DARLING STREET BALMAIN, NSW 2041 AUSTRALIA			GOLDBERG, BRIAN J	
			ART UNIT	PAPER NUMBER
			2861	

DATE MAILED: 05/23/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/760,210	Applicant(s) SILVERBROOK, KIA	
	Examiner Brian Goldberg	Art Unit 2861	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 March 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 June 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-4 and 6 are rejected under 35 U.S.C. 102(b) as being anticipated by Silverbrook et al. (US 6439908).

3. Regarding claim 1, Silverbrook et al. disclose "providing the inkjet printer in at least first (12 of Fig 2) and second (14 of Fig 2) portions detachable from each other in a single operation, the first portion requiring replacement more frequently than the second portion in use (col 2 ln 1-4); wherein the first portion includes the pagewidth printhead (18's of Fig 2 and Fig 8)." The two portions are detachable from each other in a single clipping operation.

4. Regarding claim 2, Silverbrook et al. disclose "wherein the first portion further includes a printing fluid storage for storing printing fluids to be delivered by the pagewidth printhead (30 of Fig 7)."

5. Regarding claim 3, Silverbrook et al. disclose "wherein the first portion (12 of Fig 2) is a printer cartridge removably received within said second portion (col 2 ln 51-53)."

6. Regarding claim 4, Silverbrook et al. disclose "wherein said second portion (14 of Fig 2) is a printer cradle unit having a cavity adapted to receive said printer cartridge (see Fig 5 in which the cradle unit is comprised of 14 and 64 and receives 12)."

Art Unit: 2861

7. Regarding claim 6, Silverbrook et al. disclose "wherein the printer cradle unit includes power and data connectors (56 of Fig 14) to mate with corresponding data and power connectors (48 of Fig 8) provided on said printer cartridge to facilitate operational control of said printer cartridge (col 3 ln 59-64)."

Claim Rejections - 35 USC § 103

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

9. Claims 5 and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Silverbrook et al. in view of Waller et al. (US 6250738).

10. Regarding claim 5, Silverbrook et al. disclose the claimed invention as set forth above with respect to claim 4. Thus Silverbrook et al. meet the claimed invention except "wherein the printer cradle unit includes an electrical control unit."

11. Waller et al. teach providing "an electrical control unit (22 of Fig 1)." It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to provide an electrical control unit. One would have been motivated to so modify Silverbrook et al. for the benefit of maintaining control over the operation of the device internally and integrally as part of the cradle unit by receiving data to be printed,

Art Unit: 2861

storing it in memory, and provide timing control, as set forth by Waller et al. in column 4, lines 51-59.

12. Regarding claim 7, Silverbrook et al. disclose the claimed invention as set forth above with respect to claim 6. Thus Silverbrook et al. meet the claimed invention except "wherein the printer cradle unit includes a print media handling system."

Waller et al. teach providing "a print media handling system (18 of Fig 1)." It would have been obvious to one of ordinary skill in the art at the time of the applicant's invention to include a print media handling system. One would have been motivated to so modify Silverbrook et al. for the benefit of providing the capability of moving the media sheet into the print zone, as stated by Waller et al. in column 4, lines 37-38.

Response to Arguments

13. Applicant's arguments filed 3/9/06 have been fully considered but they are not persuasive. The two portions cited above are detachable from each other in a single clipping operation.

Conclusion

14. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

Art Unit: 2861

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Brian Goldberg whose telephone number is 571-272-2728. The examiner can normally be reached on Monday through Friday, 9AM-5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Meier can be reached on 571-272-2149. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

BJG *BJG*
AU 2861
May 16, 2006

[Signature]
V. P. PATR
SUPERVISING EXAMINER
A.V. 2861